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09/746,014 Application Number Substitute for form 1449A/PTO 26 December 2000 Filing Date INFORMATION DISCLOSURE GOLDMAN et al First Named Inventor STATEMENT BY APPLICANT 2123 Group Art Unit Examiner Name (use as many sheets as necessary) 00/21288 Attorney Docket Number of

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1		10 022		Wassick et al	04-14-1998	
99	AA	5,740,033		Wold et al	09-07-1999	
The	AB	5,949,678		Plumer et al	12-06-2001	
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	Filing Date	26 December 2000
	First Named Inventor	GOLDMAN et al
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1	Attorney Docket Number	00/21288

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1/	AA	4,970,658		Durbin et al	MM-DD-YYYY 11-13-1990	Figures Appear
M	AB	5,325,466		Kornacker	06-28-1994	
1/2	AC	5,440,478		Fisher et al	08-08-95	
R	AD	5,479,340		Fox et al	12-26-1995	<u> </u>
2 7.	AE	5,483,468		Chen et al	01-09-1996	
m	AF	5,546,507		Staub	08-13-1996	
M.	AG	5,787,425		Bigus	07-28-1998	
By	AH	5,862,054		Li	01-19-1999	
	AI	5,875,285		Chang	02-23-1999	
n	AJ AK	6,032,146		Chadha et al	02-29-2000	
Ju	AL	6,073,138		de l'Etraz et al	06-06-2000	
72	AM	6,134,555		Chadha et al	10-17-2000	
n	AN	6,240,329		Sun	05-29-2001	
57	AO	6,249,712		Boiquaye	06-19-2001	
2	-10	6,263,255		Tan et al	07-17-2001	

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		For	eign Patent Doc	FORE uments	EIGN PATENT DOCUMENTS			
Examiners Initials	Cite No. ¹	Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant	T
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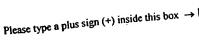
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Examiner Name				
Attorney Docket Number	00/21200			

Initials No. item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s). BA Triant Our Products http://www.triant.com/top.html [10 pages] BB Artificial Intelligence and Manufacturing: A Research Planning Report, Leslie D. Interrante August 8. 1997, http://sigmans.cs.umn.edu/sigmanwrk/report96.htm [34 pages] BC On the Epistemology and Management of Electronic Design Automation Knowledge, Scott et al, http://www.azstarnet.com/ scottmc/medak/Epistermology.htm [17 pages] BD Army Medical Knowledge Engineering System (AMKES) — A Three-Tier Knowledge Harvesting Environment, Merritt et al, Practical Applications of Java 1999 Conference Proceedings, http://amzi.harvard.net/articles/amkes_pajava99.htm [7 pages] BE Final Model Business Case Report for the OSD CALS IWSDB Project, An MVP Joint Venture, ManTech International Corporation, December 2, 1994, Kidwell et al., http://www2.dcnicn.com/cals/iwsdb/task07/html/a024/Fmodbus1.htm [77 pages] BF , Computer Aided Knowledge Engineering, British Steel, Mackenzie.			OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
BA Triant Our Products http://www.triant.com/top.html [10 pages] BB Artificial Intelligence and Manufacturing: A Research Planning Report, Leslie D. Interrante August 8. 1997, http://sigmans.cs.umn.edu/sigmanwrk/report96.htm BC On the Epistemology and Management of Electronic Design Automation Knowledge, Scott et al, http://www.azstarnet.com/ 'scottmc/medak/Epistermology.htm [17 pages] BD Army Medical Knowledge Engineering System (AMKES) – A Three-Tier Knowledge Harvesting Environment, Merritt et al, Practical Applications of Java 1999 Conference Proceedings, http://www.azstarnet.com/ 'scottmc/medak/Epistermology.htm [7 pages] BE Final Model Business Case Report for the OSD CALS IWSDB Project, An MVP Joint Venture, ManTech International Corporation, December 2, 1994, Kidwell et al., http://www2.dcnicn.com/cals/iwsdb/task07/html/a024/Fmodbus1.htm [77 pages] BF , Computer Aided Knowledge Engineering, British Steel, Mackenzie.			item (book, magazine, journal, serial symposium, catalog etc.) date page(s) velocities of the	T ²
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